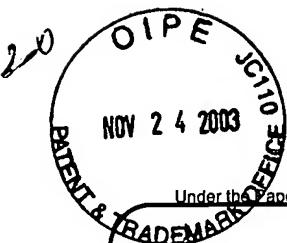


GAU-2872



PTO/SB/21 (03-03)

Approved for use through 04/30/2003. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

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Total Number of Pages in This Submission	5	Application Number	10/025,601
		Filing Date	December 18, 2001
		First Named Inventor	Anthony M. Chiu
		Art Unit	2872
		Examiner Name	To Be Assigned

ENCLOSURES (Check all that apply)

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STPP-25,892

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Anthony M. Chiu and Danielle A. Thomas
Serial No.: 10/025,601
Filed: December 18, 2001
Group Art Unit: 2872
Examiner: To Be Assigned
For: INTEGRATED OPTICAL UNIT FOR USE WITH
MINIATURE OPTICAL DISCS

MS Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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(Date of Signature)

SECOND INFORMATION DISCLOSURE STATEMENT

Enclosed is a European Search Report relating to European Patent Application No. 02258372.8, which corresponds to the subject Application. Also enclosed are copies of the six cited references and PTO Form No. PTO/SB/08A.

REMARKS

The European Search Report indicates that three of the six cited references are particularly relevant if taken alone. Each is discussed below.

The European Search Report refers to Publication No. WO 01/43126 and identifies FIGS. 7, 8, 18, and 26 therein as being relevant to Claims 1-3, 8-10, 12-17, and 19. These figures do not show first and second lenses as recited in Claims 1-3, and 8-10. FIGS. 7 and 8 refer to a silicon wafer rather than the glass wafer that is the subject of the method of Claims 12-17. However, the paragraph bridging pages 16 and 17 describes a method of using patterned lithography and etching techniques to define individual optical components in a glass wafer.

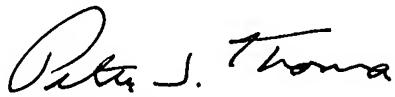
With respect to Claim 19, the first paragraph on page 9 of Publication No. WO 01/43126 describes polarization beam splitter surfaces 322 and 324, which act as mirrors. The mirror surfaces are “coated with a substantially reflective coating such as aluminum or reflective chrome coatings.” The last paragraph on page 15 describes forming reflective coatings from various materials “including single-layer or multi-layer coatings of metals or metal alloys such as aluminum, gold, silver, chromium, and the like or from single or multi-layer dielectric coatings.”

The European Search Report refers to Publication No. WO 00/03390 and its U.S. Patent counterpart, Patent No. 6,529,454 as being relevant to Claims 1-3, 8-10, and 19, identifying FIGS. 4, 6 and 7 thereof. None of these figures discloses first and second photodetectors as called for in Claims 1-3. However, FIG. 7 shows a photodetector IC 62 that is responsive to beams on three separate paths L3, L4, and L5. With respect to Claims 8-10 and 19, U.S. Patent No. 6,529,454 does not disclose a mirror “comprising an oxide, nitride, sulfide, or fluoride of a transition metal.” The beam splitter films 76, 77, and 78 of FIG. 7 are described as multi-layer dielectric films. See Col. 19, lines 1-2; Col. 20, lines 5-8.

Further, with respect to Claims 1-3, FIG. 7 of U.S. Patent No. 6,529,454 does not disclose “glass members for directing the laser beam from the second direction to the first lens.” The first lens 64 in FIG. 7 is in the direct initial path L1 of the laser without having been first reflected by a mirror to a second direction.

The filing of this Information Disclosure Statement is believed to occur before the first Office Action on the merits, pursuant to 37 CFR § 1.97(b)(3). Moreover, the filing of this Information Disclosure Statement is in compliance with 37 CFR § 1.97 (c)(1) and (e)(1) in that each item of information contained herein was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of this Information Disclosure Statement.

Respectfully submitted,



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November 12, 2003



NOV 24 2003

PTO/SB/08A (08-03)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	10/025,601
Filing Date	December 18, 2001
First Named Inventor	Anthony M. Chiu
Art Unit	2872
Examiner Name	To Be Assigned
Attorney Docket Number	STPP-25,892

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		WO 01/43126	06-14-2001	Data Play, Inc.		
		WO 00/03390	01-20-2000	Sony Corp.		
		WO 99/40578	08-12-1999	Digital Optics		

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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